

Bo Huang

List of Publications by Year in descending order

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236
papers

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23544

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docs citations

238
times ranked

9706
citing authors

#	ARTICLE	IF	CITATIONS
1	Geographically and temporally weighted regression for modeling spatio-temporal variation in house prices. <i>International Journal of Geographical Information Science</i> , 2010, 24, 383-401.	2.2	781
2	Urban land-use mapping using a deep convolutional neural network with high spatial resolution multispectral remote sensing imagery. <i>Remote Sensing of Environment</i> , 2018, 214, 73-86.	4.6	389
3	Spatiotemporal Reflectance Fusion via Sparse Representation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2012, 50, 3707-3716.	2.7	311
4	Modeling and analysis of lake water storage changes on the Tibetan Plateau using multi-mission satellite data. <i>Remote Sensing of Environment</i> , 2013, 135, 25-35.	4.6	305
5	Satellite-based mapping of daily high-resolution ground PM2.5 in China via space-time regression modeling. <i>Remote Sensing of Environment</i> , 2018, 206, 72-83.	4.6	251
6	Landslide susceptibility mapping based on rough set theory and support vector machines: A case of the Three Gorges area, China. <i>Geomorphology</i> , 2014, 204, 287-301.	1.1	219
7	Spatiotemporal Satellite Image Fusion Using Deep Convolutional Neural Networks. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 821-829.	2.3	219
8	Accelerated lake expansion on the Tibetan Plateau in the 2000s: Induced by glacial melting or other processes?. <i>Water Resources Research</i> , 2014, 50, 3170-3186.	1.7	206
9	Using multi-source geospatial big data to identify the structure of polycentric cities. <i>Remote Sensing of Environment</i> , 2017, 202, 210-221.	4.6	203
10	A MAP Approach for Joint Motion Estimation, Segmentation, and Super Resolution. <i>IEEE Transactions on Image Processing</i> , 2007, 16, 479-490.	6.0	201
11	Sustainable land use optimization using Boundary-based Fast Genetic Algorithm. <i>Computers, Environment and Urban Systems</i> , 2012, 36, 257-269.	3.3	201
12	Spatiotemporal Satellite Image Fusion Through One-Pair Image Learning. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 1883-1896.	2.7	187
13	A pixel shape index coupled with spectral information for classification of high spatial resolution remotely sensed imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2006, 44, 2950-2961.	2.7	186
14	Spatial multi-objective land use optimization: extensions to the non-dominated sorting genetic algorithm-II. <i>International Journal of Geographical Information Science</i> , 2011, 25, 1949-1969.	2.2	176
15	Spatial and Spectral Image Fusion Using Sparse Matrix Factorization. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 1693-1704.	2.7	173
16	Dimensionality Reduction Based on Clonal Selection for Hyperspectral Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007, 45, 4172-4186.	2.7	164
17	Estimating CO2 (carbon dioxide) emissions at urban scales by DMSP/OLS (Defense Meteorological) Tj ETQq1 1 0.784314 rgBT /Overlo and a case study for China. <i>Energy</i> , 2014, 71, 468-478.	4.5	156
18	Comparison of Spatiotemporal Fusion Models: A Review. <i>Remote Sensing</i> , 2015, 7, 1798-1835.	1.8	153

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19	Spatiotemporal analysis of rural-urban land conversion. <i>International Journal of Geographical Information Science</i> , 2009, 23, 379-398.	2.2	149
20	Multi-source remotely sensed data fusion for improving land cover classification. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2017, 124, 27-39.	4.9	133
21	An unsupervised artificial immune classifier for multi/hyperspectral remote sensing imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2006, 44, 420-431.	2.7	132
22	Remote sensing of alpine lake water environment changes on the Tibetan Plateau and surroundings: A review. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2014, 92, 26-37.	4.9	130
23	A geographically and temporally weighted autoregressive model with application to housing prices. <i>International Journal of Geographical Information Science</i> , 2014, 28, 1186-1204.	2.2	127
24	An integration of GIS, virtual reality and the Internet for visualization, analysis and exploration of spatial data. <i>International Journal of Geographical Information Science</i> , 2001, 15, 439-456.	2.2	125
25	Dynamic assessments of population exposure to urban greenspace using multi-source big data. <i>Science of the Total Environment</i> , 2018, 634, 1315-1325.	3.9	122
26	Dynamic assessment of PM2.5 exposure and health risk using remote sensing and geo-spatial big data. <i>Environmental Pollution</i> , 2019, 253, 288-296.	3.7	120
27	Spatio-temporal variation and impact factors analysis of satellite-based aerosol optical depth over China from 2002 to 2015. <i>Atmospheric Environment</i> , 2016, 129, 79-90.	1.9	118
28	Integrated vaccination and physical distancing interventions to prevent future COVID-19 waves in Chinese cities. <i>Nature Human Behaviour</i> , 2021, 5, 695-705.	6.2	111
29	Satellite-based high-resolution PM2.5 estimation over the Beijing-Tianjin-Hebei region of China using an improved geographically and temporally weighted regression model. <i>Environmental Pollution</i> , 2018, 236, 1027-1037.	3.7	110
30	Convergence of per capita carbon dioxide emissions in urban China: A spatio-temporal perspective. <i>Applied Geography</i> , 2013, 40, 21-29.	1.7	106
31	A multi-objective optimization approach for health-care facility location-allocation problems in highly developed cities such as Hong Kong. <i>Computers, Environment and Urban Systems</i> , 2016, 59, 220-230.	3.3	104
32	Spatiotemporal Variation in Surface Urban Heat Island Intensity and Associated Determinants across Major Chinese Cities. <i>Remote Sensing</i> , 2015, 7, 3670-3689.	1.8	101
33	Generating High Spatiotemporal Resolution Land Surface Temperature for Urban Heat Island Monitoring. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2013, 10, 1011-1015.	1.4	100
34	Modeling the spatio-temporal heterogeneity in the PM10-PM2.5 relationship. <i>Atmospheric Environment</i> , 2015, 102, 176-182.	1.9	97
35	The influence of urban form on surface urban heat island and its planning implications: Evidence from 1288 urban clusters in China. <i>Sustainable Cities and Society</i> , 2021, 71, 102987.	5.1	97
36	Dynamic monitoring of the Poyang Lake wetland by integrating Landsat and MODIS observations. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 139, 75-87.	4.9	95

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37	Seasonal and abrupt changes in the water level of closed lakes on the Tibetan Plateau and implications for climate impacts. <i>Journal of Hydrology</i> , 2014, 514, 131-144.	2.3	94
38	Optimal Siting of Fire Stations Using GIS and ANT Algorithm. <i>Journal of Computing in Civil Engineering</i> , 2006, 20, 361-369.	2.5	92
39	Spatially and Temporally Weighted Regression: A Novel Method to Produce Continuous Cloud-Free Landsat Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 27-37.	2.7	92
40	A robust adaptive spatial and temporal image fusion model for complex land surface changes. <i>Remote Sensing of Environment</i> , 2018, 208, 42-62.	4.6	91
41	The Fisher Kernel Coding Framework for High Spatial Resolution Scene Classification. <i>Remote Sensing</i> , 2016, 8, 157.	1.8	86
42	Response of urban heat island to future urban expansion over the Beijing-Tianjin-Hebei metropolitan area. <i>Applied Geography</i> , 2016, 70, 26-36.	1.7	86
43	Unified fusion of remote-sensing imagery: generating simultaneously high-resolution synthetic spatial-temporal-spectral earth observations. <i>Remote Sensing Letters</i> , 2013, 4, 561-569.	0.6	85
44	GIS and genetic algorithms for HAZMAT route planning with security considerations. <i>International Journal of Geographical Information Science</i> , 2004, 18, 769-787.	2.2	84
45	A shortest path algorithm with novel heuristics for dynamic transportation networks. <i>International Journal of Geographical Information Science</i> , 2007, 21, 625-644.	2.2	83
46	Exploring the impact of high speed railways on the spatial redistribution of economic activities - Yangtze River Delta urban agglomeration as a case study. <i>Journal of Transport Geography</i> , 2016, 57, 194-206.	2.3	80
47	Transfer Learning With Fully Pretrained Deep Convolution Networks for Land-Use Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017, 14, 1436-1440.	1.4	79
48	Rapid growth in nitrogen dioxide pollution over Western China, 2005-2013. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 6207-6221.	1.9	76
49	Classification of High Spatial Resolution Imagery Using Improved Gaussian Markov Random-Field-Based Texture Features. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007, 45, 1458-1468.	2.7	74
50	Modeling urban vertical growth using cellular automata-Guangzhou as a case study. <i>Applied Geography</i> , 2014, 53, 172-186.	1.7	74
51	Verification, improvement and application of aerosol optical depths in China Part 1: Inter-comparison of NPP-VIIRS and Aqua-MODIS. <i>Atmospheric Environment</i> , 2018, 175, 221-233.	1.9	72
52	Super-Resolution-Guided Progressive Pansharpening Based on a Deep Convolutional Neural Network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 5206-5220.	2.7	69
53	Real-Time Estimation of Population Exposure to PM2.5 Using Mobile- and Station-Based Big Data. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 573.	1.2	67
54	Spatio-temporal reflectance fusion via unmixing: accounting for both phenological and land-cover changes. <i>International Journal of Remote Sensing</i> , 2014, 35, 6213-6233.	1.3	65

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55	Rural settlement restructuring based on analysis of the peasant household symbiotic system at village level: A Case Study of Fengsi Village in Chongqing, China. <i>Journal of Rural Studies</i> , 2016, 47, 485-495.	2.1	64
56	MODIS 3Åkm and 10Åkm aerosol optical depth for China: Evaluation and comparison. <i>Atmospheric Environment</i> , 2017, 153, 150-162.	1.9	64
57	Land-Use-Change Modeling Using Unbalanced Support-Vector Machines. <i>Environment and Planning B: Planning and Design</i> , 2009, 36, 398-416.	1.7	63
58	Shadow Detection and Reconstruction in High-Resolution Satellite Images via Morphological Filtering and Example-Based Learning. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 2545-2554.	2.7	63
59	Effects of land use and transportation on carbon sources and carbon sinks: A case study in Shenzhen, China. <i>Landscape and Urban Planning</i> , 2014, 122, 175-185.	3.4	62
60	Cloud Removal From Optical Satellite Imagery With SAR Imagery Using Sparse Representation. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 1046-1050.	1.4	62
61	Long-Term Exposure to Ambient Fine Particulate Matter (PM _{2.5}) and Lung Function in Children, Adolescents, and Young Adults: A Longitudinal Cohort Study. <i>Environmental Health Perspectives</i> , 2019, 127, 127008.	2.8	62
62	Evaluating and characterizing urban vibrancy using spatial big data: Shanghai as a case study. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2020, 47, 1543-1559.	1.0	60
63	Improving the Spatial Resolution of Landsat TM/ETM+ Through Fusion With SPOT5 Images via Learning-Based Super-Resolution. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015, 53, 1195-1204.	2.7	59
64	A New Look at Image Fusion Methods from a Bayesian Perspective. <i>Remote Sensing</i> , 2015, 7, 6828-6861.	1.8	58
65	An Error-Bound-Regularized Sparse Coding for Spatiotemporal Reflectance Fusion. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015, 53, 6791-6803.	2.7	58
66	A generalization of spatial and temporal fusion methods for remotely sensed surface parameters. <i>International Journal of Remote Sensing</i> , 2015, 36, 4411-4445.	1.3	56
67	Can mountain glacier melting explains the GRACE-observed mass loss in the southeast Tibetan Plateau: From a climate perspective?. <i>Global and Planetary Change</i> , 2015, 124, 1-9.	1.6	56
68	GeoVR: a web-based tool for virtual reality presentation from 2D GIS data. <i>Computers and Geosciences</i> , 1999, 25, 1167-1175.	2.0	50
69	A level set method for oil slick segmentation in SAR images. <i>International Journal of Remote Sensing</i> , 2005, 26, 1145-1156.	1.3	50
70	Support vector machines for urban growth modeling. <i>Geoinformatica</i> , 2010, 14, 83-99.	2.0	49
71	Inter-annual changes of alpine inland lake water storage on the Tibetan Plateau: Detection and analysis by integrating satellite altimetry and optical imagery. <i>Hydrological Processes</i> , 2014, 28, 2411-2418.	1.1	49
72	DE-Net: Deep Encoding Network for Building Extraction from High-Resolution Remote Sensing Imagery. <i>Remote Sensing</i> , 2019, 11, 2380.	1.8	49

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73	Seeking the Pareto front for multiobjective spatial optimization problems. <i>International Journal of Geographical Information Science</i> , 2008, 22, 507-526.	2.2	48
74	Saturated magnetization and glass forming ability of soft magnetic Fe-based metallic glasses. <i>Intermetallics</i> , 2017, 84, 74-81.	1.8	48
75	Air pollution exposure associates with increased risk of neonatal jaundice. <i>Nature Communications</i> , 2019, 10, 3741.	5.8	48
76	Big spatial data for urban and environmental sustainability. <i>Geo-Spatial Information Science</i> , 2020, 23, 125-140.	2.4	48
77	A Spatio-temporal Pixel-Swapping Algorithm for Subpixel Land Cover Mapping. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014, 11, 474-478.	1.4	47
78	Two ellipse-based pruning methods for group nearest neighbor queries. , 2005, , .		46
79	Spatial and Temporal Image Fusion via Regularized Spatial Unmixing. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 1362-1366.	1.4	45
80	AVTOP: a full integration of TOPMODEL into GIS. <i>Environmental Modelling and Software</i> , 2002, 17, 261-268.	1.9	44
81	A Simple and Universal Aerosol Retrieval Algorithm for Landsat Series Images Over Complex Surfaces. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 13,338.	1.2	44
82	Dynamic Changes in Long-Term Exposure to Ambient Particulate Matter and Incidence of Hypertension in Adults. <i>Hypertension</i> , 2019, 74, 669-677.	1.3	42
83	A GIS supported Ant algorithm for the linear feature covering problem with distance constraints. <i>Decision Support Systems</i> , 2006, 42, 1063-1075.	3.5	41
84	Heterogeneous change patterns of water level for inland lakes in High Mountain Asia derived from multi-emission satellite altimetry. <i>Hydrological Processes</i> , 2015, 29, 2769-2781.	1.1	41
85	How do people in different places experience different levels of air pollution? Using worldwide Chinese as a lens. <i>Environmental Pollution</i> , 2018, 238, 874-883.	3.7	39
86	Fine-scale mapping of an evidence-based heat health risk index for high-density cities: Hong Kong as a case study. <i>Science of the Total Environment</i> , 2020, 718, 137226.	3.9	39
87	A Globally Statistical Active Contour Model for Segmentation of Oil Slick in SAR Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2013, 6, 2402-2409.	2.3	38
88	Calibrating a cellular automata model for understanding rural-to-urban land conversion: a Pareto front-based multi-objective optimization approach. <i>International Journal of Geographical Information Science</i> , 2014, 28, 1028-1046.	2.2	37
89	Spatio-spectral fusion of satellite images based on dictionary-pair learning. <i>Information Fusion</i> , 2014, 18, 148-160.	11.7	37
90	Spatiotemporal mapping and assessment of daily ground NO2 concentrations in China using high-resolution TROPOMI retrievals. <i>Environmental Pollution</i> , 2021, 273, 116456.	3.7	37

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91	XML application schema matching using similarity measure and relaxation labeling. <i>Information Sciences</i> , 2005, 169, 27-46.	4.0	36
92	Shaping the Relationship Between Economic Development and Carbon Dioxide Emissions at the Local Level: Evidence from Spatial Econometric Models. <i>Environmental and Resource Economics</i> , 2018, 71, 127-156.	1.5	36
93	Density fluctuations with fractal order in metallic glasses detected by synchrotron X-ray nano-computed tomography. <i>Acta Materialia</i> , 2018, 155, 69-79.	3.8	35
94	Spatiotemporal assessment of PM2.5 concentrations and exposure in China from 2013 to 2017 using satellite-derived data. <i>Journal of Cleaner Production</i> , 2021, 286, 124965.	4.6	35
95	Assessing the coordination between economic growth and urban climate change in China from 2000 to 2015. <i>Science of the Total Environment</i> , 2020, 732, 139283.	3.9	35
96	Urban Change Detection Based on Coherence and Intensity Characteristics of SAR Imagery. <i>Photogrammetric Engineering and Remote Sensing</i> , 2008, 74, 999-1006.	0.3	34
97	Spatiotemporal Influence of Urban Environment on Taxi Ridership Using Geographically and Temporally Weighted Regression. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 23.	1.4	34
98	Geographically and temporally neural network weighted regression for modeling spatiotemporal non-stationary relationships. <i>International Journal of Geographical Information Science</i> , 2021, 35, 582-608.	2.2	34
99	A genetic algorithm for multiobjective dangerous goods route planning. <i>International Journal of Geographical Information Science</i> , 2013, 27, 1073-1089.	2.2	32
100	Land Use Optimization for a Rapidly Urbanizing City with Regard to Local Climate Change: Shenzhen as a Case Study. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2015, 141, .	0.8	32
101	A hierarchical spatiotemporal adaptive fusion model using one image pair. <i>International Journal of Digital Earth</i> , 2017, 10, 639-655.	1.6	32
102	Impacts of the evolving urban development on intra-urban surface thermal environment: Evidence from 323 Chinese cities. <i>Science of the Total Environment</i> , 2021, 771, 144810.	3.9	32
103	Reconstructing Seasonal Variation of Landsat Vegetation Index Related to Leaf Area Index by Fusing with MODIS Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 950-960.	2.3	31
104	A Rigorously-Weighted Spatiotemporal Fusion Model with Uncertainty Analysis. <i>Remote Sensing</i> , 2017, 9, 990.	1.8	31
105	Himawari-8 Aerosol Optical Depth (AOD) Retrieval Using a Deep Neural Network Trained Using AERONET Observations. <i>Remote Sensing</i> , 2020, 12, 4125.	1.8	31
106	Modeling the Spatiotemporal Association Between COVID-19 Transmission and Population Mobility Using Geographically and Temporally Weighted Regression. <i>GeoHealth</i> , 2021, 5, e2021GH000402.	1.9	31
107	Sustainable Land-Use Planning for a Downtown Lake Area in Central China: Multiobjective Optimization Approach Aided by Urban Growth Modeling. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2014, 140, .	0.8	30
108	Bilevel Programming Approach to Optimizing a Logistic Distribution Network with Balancing Requirements. <i>Transportation Research Record</i> , 2004, 1894, 188-197.	1.0	29

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109	Bi-level GA and GIS for Multi-objective TSP Route Planning. <i>Transportation Planning and Technology</i> , 2006, 29, 105-124.	0.9	29
110	Prediction for spatio-temporal models with autoregression in errors. <i>Journal of Nonparametric Statistics</i> , 2012, 24, 217-244.	0.4	29
111	Local Retail Food Environment and Consumption of Fruit and Vegetable among Adults in Hong Kong. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2247.	1.2	29
112	SQL/SDA: a query language for supporting spatial data analysis and its Web-based implementation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2001, 13, 671-682.	4.0	28
113	Web-based dynamic and interactive environmental visualization. <i>Computers, Environment and Urban Systems</i> , 2003, 27, 623-636.	3.3	28
114	A Java/CGI approach to developing a geographic virtual reality toolkit on the Internet. <i>Computers and Geosciences</i> , 2002, 28, 13-19.	2.0	27
115	Spatio-temporal information integration in XML. <i>Future Generation Computer Systems</i> , 2004, 20, 1157-1170.	4.9	27
116	Making Fe-Si-B amorphous powders as an effective catalyst for dye degradation by high-energy ultrasonic vibration. <i>Materials and Design</i> , 2020, 194, 108876.	3.3	27
117	GIS coupled with traffic simulation and optimization for incident response. <i>Computers, Environment and Urban Systems</i> , 2007, 31, 116-132.	3.3	26
118	Spatial Change Optimization. <i>Photogrammetric Engineering and Remote Sensing</i> , 2009, 75, 1015-1022.	0.3	26
119	Investigation of the Effects of Anthropogenic Pollution on Typhoon Precipitation and Microphysical Processes Using WRF-Chem. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 1593-1610.	0.6	26
120	Characterizing Tree Species of a Tropical Wetland in Southern China at the Individual Tree Level Based on Convolutional Neural Network. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 4415-4425.	2.3	26
121	Support Vector Regression-Based Downscaling for Intercalibration of Multiresolution Satellite Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 1114-1123.	2.7	25
122	Land-Use Mapping for High-Spatial Resolution Remote Sensing Image Via Deep Learning: A Review. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 5372-5391.	2.3	25
123	Soil erosion evaluation in a rapidly urbanizing city (Shenzhen, China) and implementation of spatial land-use optimization. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4475-4490.	2.7	23
124	Precipitation variability in High Mountain Asia from multiple datasets and implication for water balance analysis in large lake basins. <i>Global and Planetary Change</i> , 2016, 145, 20-29.	1.6	23
125	Anthropogenic and meteorological drivers of 1980â€“2016 trend in aerosol optical and radiative properties over the Yangtze River Basin. <i>Atmospheric Environment</i> , 2020, 223, 117188.	1.9	23
126	Improving Landsat ETM+ Urban Area Mapping via Spatial and Angular Fusion With MISR Multi-Angle Observations. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2012, 5, 101-109.	2.3	22

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127	Improving spatiotemporal reflectance fusion using image inpainting and steering kernel regression techniques. <i>International Journal of Remote Sensing</i> , 2017, 38, 706-727.	1.3	22
128	Pareto law-based regional inequality analysis of PM2.5 air pollution and economic development in China. <i>Journal of Environmental Management</i> , 2019, 252, 109635.	3.8	22
129	Hand in hand evolution of boson heat capacity anomaly and slow \hat{I}^2 -relaxation in La-based metallic glasses. <i>Acta Materialia</i> , 2016, 110, 73-83.	3.8	21
130	Spatiotemporal Varying Effects of Built Environment on Taxi and Ride-Hailing Ridership in New York City. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 475.	1.4	21
131	The impact of urbanization on air stagnation: Shenzhen as case study. <i>Science of the Total Environment</i> , 2019, 664, 347-362.	3.9	20
132	Dynamic Modelling and Visualization on the Internet. <i>Transactions in GIS</i> , 2001, 5, 131-139.	1.0	19
133	Projection of Land Use Change Patterns using Kernel Logistic Regression. <i>Photogrammetric Engineering and Remote Sensing</i> , 2009, 75, 971-979.	0.3	19
134	Impacts of booming economic growth and urbanization on carbon dioxide emissions in Chinese megalopolises over 1985–2010: an index decomposition analysis. <i>Energy Efficiency</i> , 2018, 11, 203-223.	1.3	19
135	Surface response and subsurface features during the restriction of groundwater exploitation in Suzhou (China) inferred from decadal SAR interferometry. <i>Remote Sensing of Environment</i> , 2021, 256, 112327.	4.6	19
136	A resource limited artificial immune system algorithm for supervised classification of multi/hyper-spectral remote sensing imagery. <i>International Journal of Remote Sensing</i> , 2007, 28, 1665-1686.	1.3	18
137	Assessing local resilience to typhoon disasters: A case study in Nansha, Guangzhou. <i>PLoS ONE</i> , 2018, 13, e0190701.	1.1	18
138	Revealing Implicit Assumptions of the Component Substitution Pansharpening Methods. <i>Remote Sensing</i> , 2017, 9, 443.	1.8	17
139	Sentinel-2A Image Fusion Using a Machine Learning Approach. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 9589-9601.	2.7	17
140	A novel method for planning a staged evacuation. <i>Journal of Systems Science and Complexity</i> , 2012, 25, 1093-1107.	1.6	16
141	Measuring Recovery to Build up Metrics of Flood Resilience Based on Pollutant Discharge Data: A Case Study in East China. <i>Water (Switzerland)</i> , 2017, 9, 619.	1.2	16
142	Spatial Multi-Objective Land Use Optimization toward Livability Based on Boundary-Based Genetic Algorithm: A Case Study in Singapore. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 40.	1.4	16
143	Research Article: An object model with parametric polymorphism for dynamic segmentation. <i>International Journal of Geographical Information Science</i> , 2003, 17, 343-360.	2.2	15
144	A Fast Level Set Method for Synthetic Aperture Radar Ocean Image Segmentation. <i>Sensors</i> , 2009, 9, 814-829.	2.1	15

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145	Fine Land Cover Classification Using Daily Synthetic Landsat-Like Images at 15-m Resolution. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 2359-2363.	1.4	15
146	Improving the Spatial Resolution of FY-3 Microwave Radiation Imager via Fusion With FY-3/MERSI. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 3055-3063.	2.3	15
147	Assessing the effect of fisheries development on aquatic vegetation using GIS. Aquatic Botany, 2002, 73, 187-199.	0.8	14
148	Environmental simulation within a virtual environment. ISPRS Journal of Photogrammetry and Remote Sensing, 2004, 59, 73-84.	4.9	14
149	Spatial and temporal classification of synthetic satellite imagery: land cover mapping and accuracy validation. Geo-Spatial Information Science, 2014, 17, 1-7.	2.4	14
150	Impact of Housing and Community Conditions on Multidimensional Health among Middle- and Low-Income Groups in Hong Kong. International Journal of Environmental Research and Public Health, 2018, 15, 1132.	1.2	14
151	Estimation and Analysis of the Nighttime PM2.5 Concentration Based on LJ1-01 Images: A Case Study in the Pearl River Delta Urban Agglomeration of China. Remote Sensing, 2021, 13, 3405.	1.8	14
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